

10/523106

DT05 R002 P07/SB/08A (M8/2005)

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
				Filing Date	February 3, 2005
				First Named Inventor	DAIRIKI et al.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	46242

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Appln. Filing Date			
AS						
RS						
CS						
DS						
FS						

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Inventor/Applicant Name	Document Number	Country	Date of Publication of Cited Document MM-DD-YYYY	English Abstract Encl No	Counterpart U.S. Appln. No.
FS		Nihon Nohvaku Co. Ltd.	IP 62-263101	Japan	November 16 1987		
GS		Sumitomo Chemical Co. Ltd	IP 3-128301	Japan	May 31 1991		
HS		Sumitomo Chemical Co. Ltd	IP 7-17810	Japan	January 20 1995		
IS		Nissan Chemical Industries Ltd	IP 8-34702	Japan	February 6 1996		
JS		Kumiai Chemical Industry Co. Ltd	IP 9-183704	Japan	July 15 1997		
KS		Nippon Raver Anrochem KK	IP 11-49604	Japan	February 23 1999		

OTHER (Including in this order, Author, Title, Periodical Name, Date, Pertinent Pages

LS			
MS			
NS			
OS			
PS			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> Date This Paper Filed : February 3, 2005				Application Number	Not Yet Assigned
				Filing Date	February 3, 2005
				First Named Inventor	DAIRIKI et al.
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	46242

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Appln. Number	Filing Date		
AR	2004/0102323	November 18, 2003	Vigil et al.	May 27, 2004	
RR	4 739 040	December 24, 1986	Naae et al.	April 19, 1988	
CR	4 755 186	September 19, 1986	Ernst F.	July 5, 1988	
DR					
FR					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Inventor/Applicant Name		Document Number	Country	Date of Publication of Cited Document MM-DD-YYYY	English Abstract	Counterpart U.S. Appln. No.
FR	Dussek Campbell Limited			WO 00/53688	PCT	September 14, 2000		
GR	Ninnon Kankyo Asesumeto C.			JP H4-252294	Japan	September 8, 1992	YES	
HR	Phoenix AG			DE 3434353	Germany	March 27, 1986	NO	
IR	Mobay Corporation			EP 0224092	Europe	June 3, 1987		
JR								

OTHER (Including in this order, Author, Title, Periodical Name, Date, Pertinent Pages)

KR	Erdman, H. et al., "Studies on the sulfonation of Lignin. II. Sulfonation of ethoxylated lignosulfonic acids of low sulfur content," Acta Chemica Scandinavica, 1950, V. 4, pp 971-977	Abstract only	
LR			
MR			
NR			
OR			
PR			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.